

80 PLUS Verification and Testing Report

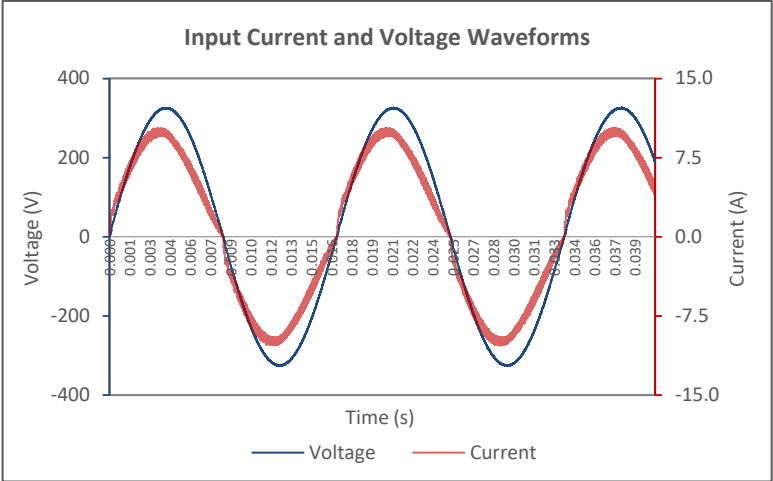
TYPICAL EFFICIENCY (50% Load):	95.19%
AVERAGE EFFICIENCY :	93.27%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2402
Manufacturer	VAPL
Model Number	PSR3000C-54AH-AH-F
Serial Number	N/A
Type	3U
Test Date	03/12/24

Rated Specifications	Value	Units
Input Voltage	100-130/200-240	Volts
Input Current	16/16	Amps
Input Frequency	50/60	Hz
Rated Output Power	3,000	Watts

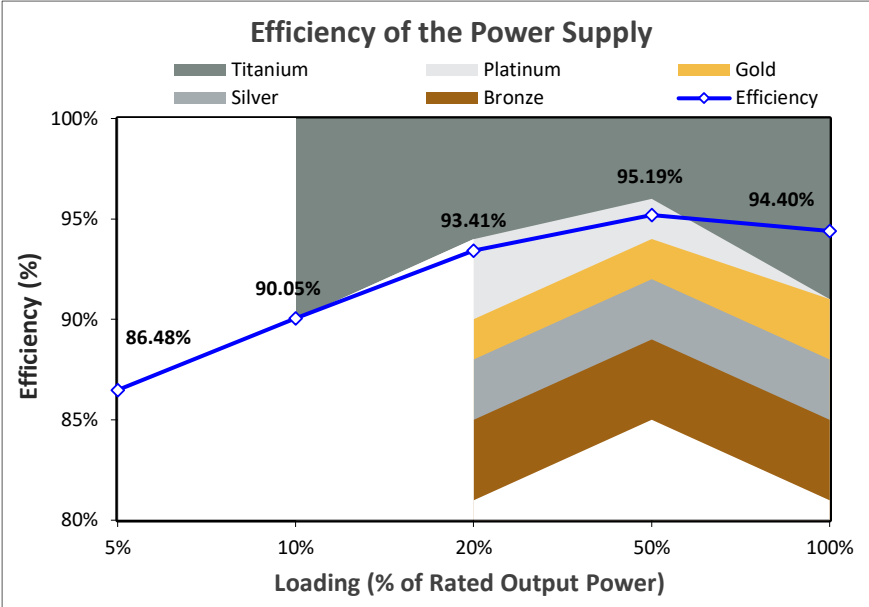
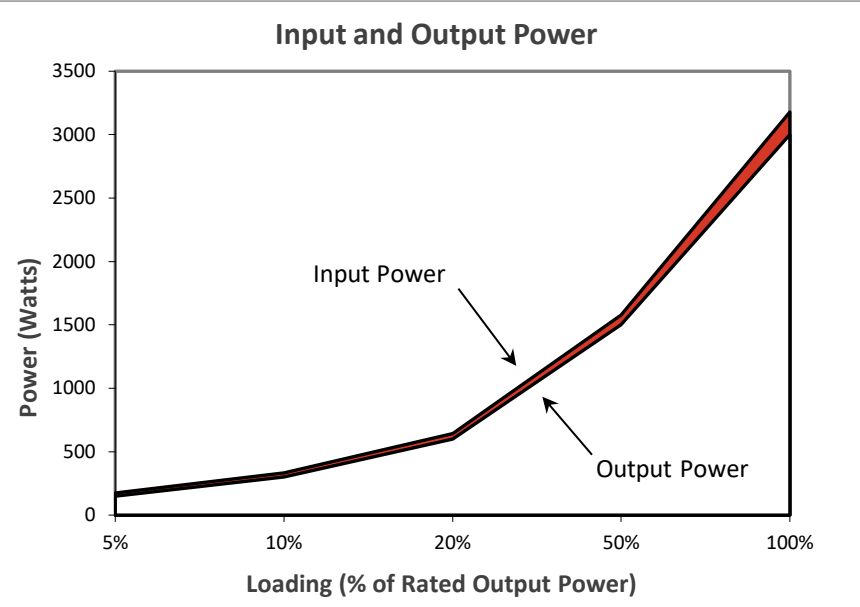
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 5.42%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub> (%)	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
							-54V	12Vsb		
0.261	0.1284	13.852	0%	No-Load	7.72	1.41	No-Load			
1.046	0.7236	32.618	5%	Minimum	174.06	1.55	54.1/2.75	12.08/0.15	150.53	86.48%
1.648	0.8834	22.132	10%	Low	334.79	1.72	54.1/5.51	12.07/0.3	301.49	90.05%
2.921	0.9563	12.318	20%	Light	642.38	2.02	54.1/10.96	12.06/0.59	600.05	93.41%
6.935	0.9889	5.417	50%	Typical	1577.59	3.67	54.06/27.45	12.01/1.48	1501.77	95.19%
13.869	0.9964	3.430	100%	Full	3178.48	9.37	53.99/54.92	11.92/2.96	3000.64	94.40%

\* Fan power is not included in the efficiency calculations, external fan voltage applied = 12Vdc



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>